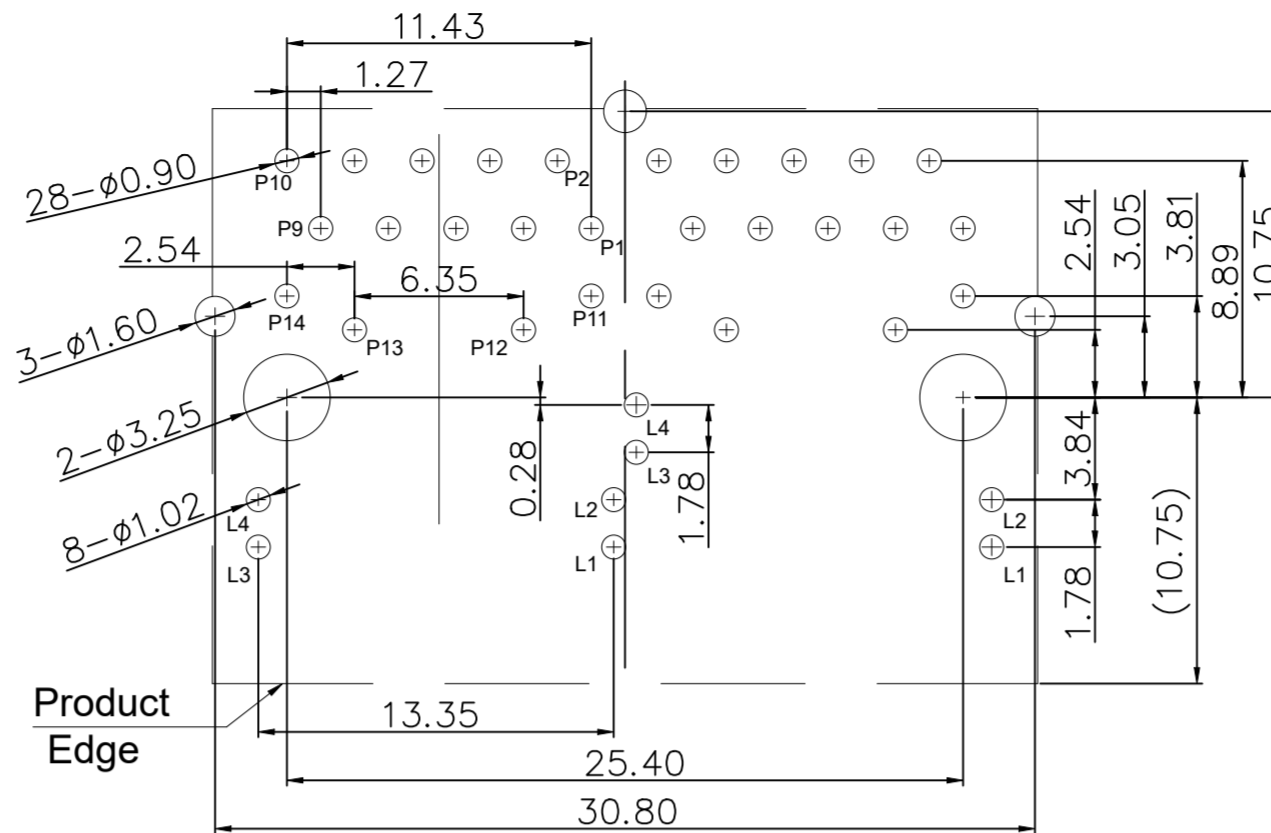
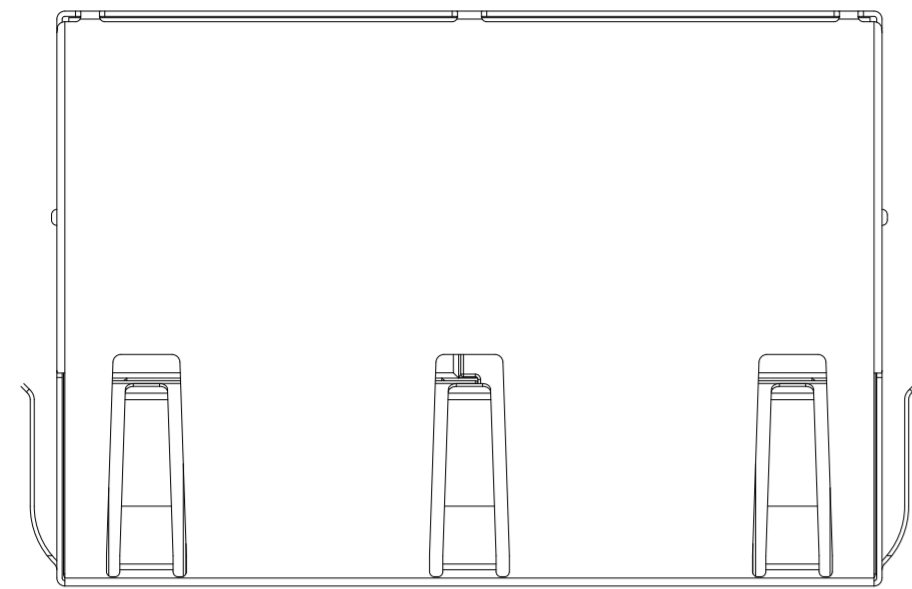


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
1		PRELIMINARY	06MAR2025	TR	RCG



Recommended PCB Layout
Top View(T=1.60mm,Tol:±0.05)

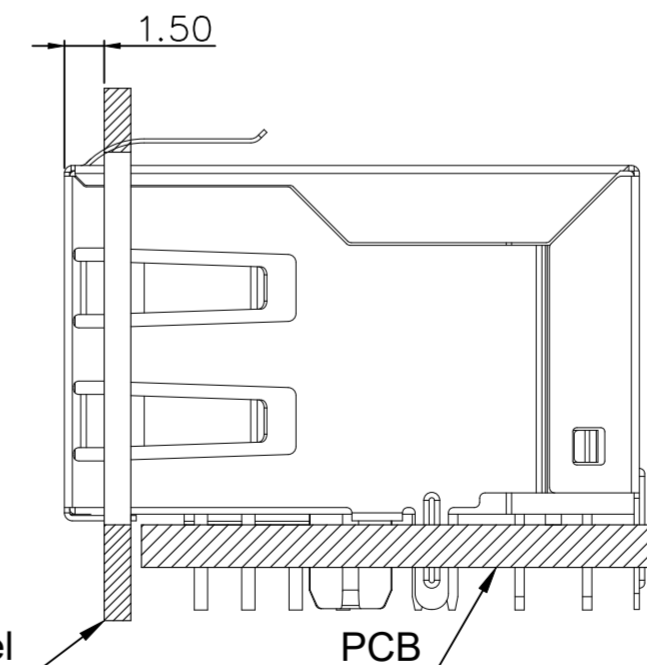
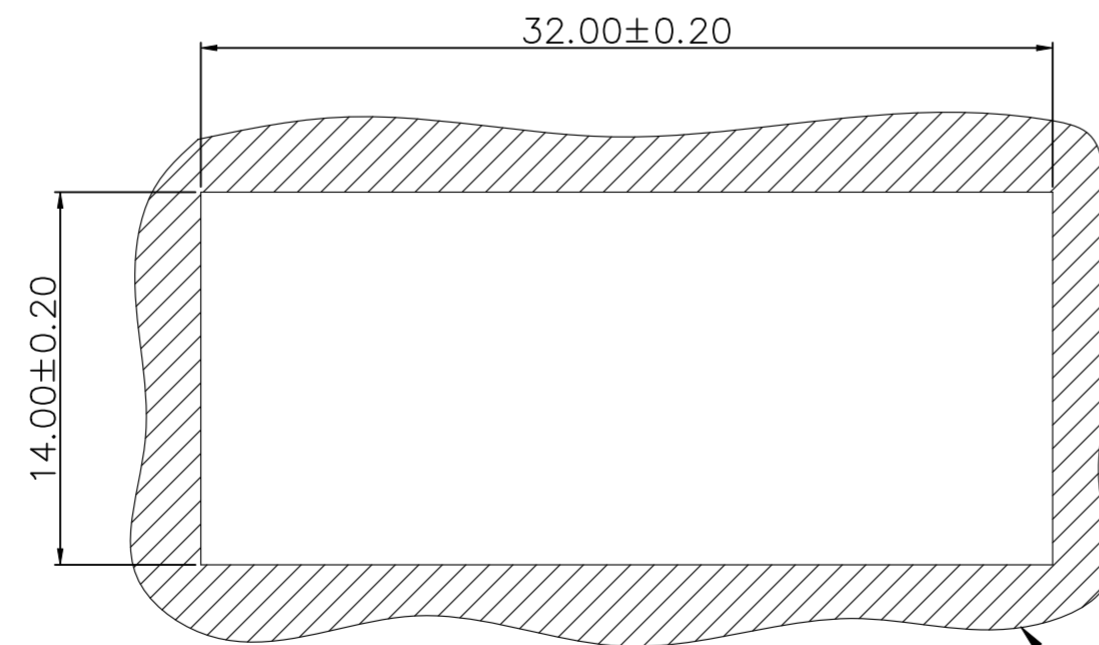
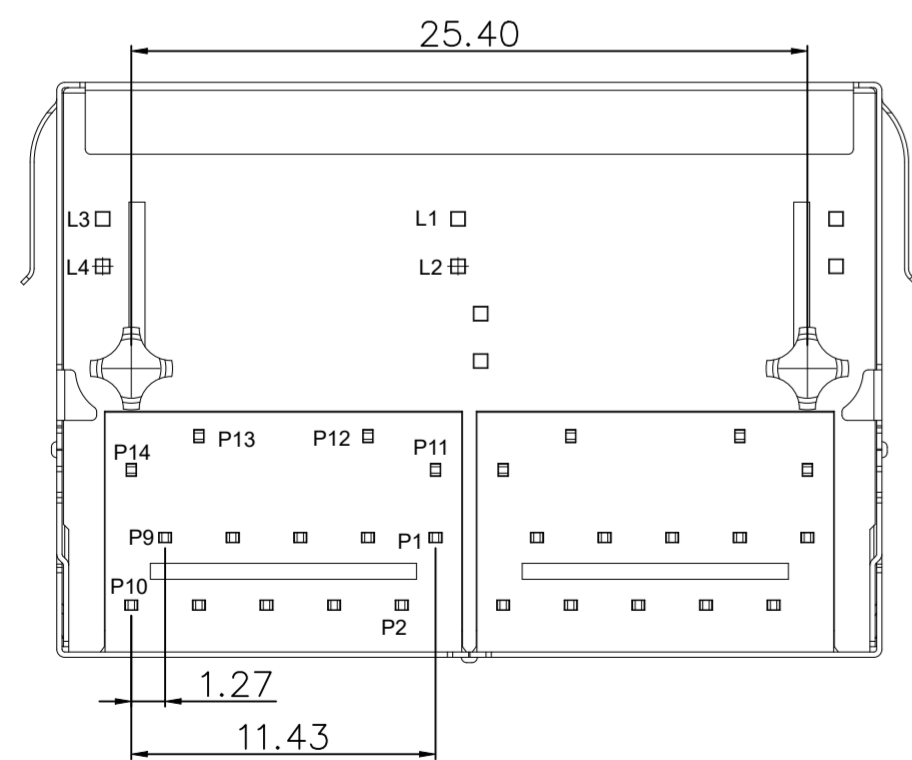
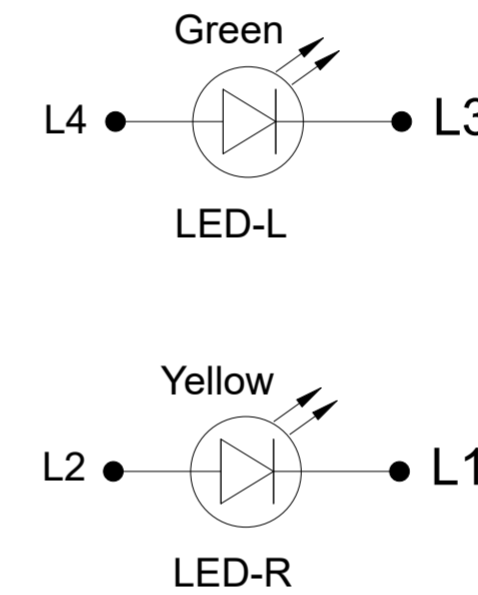
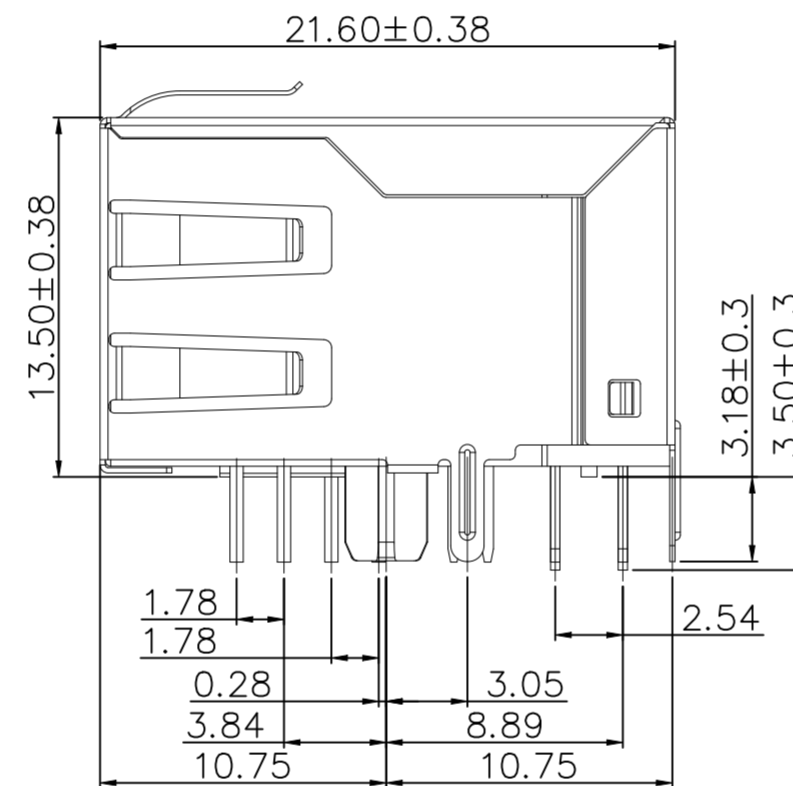
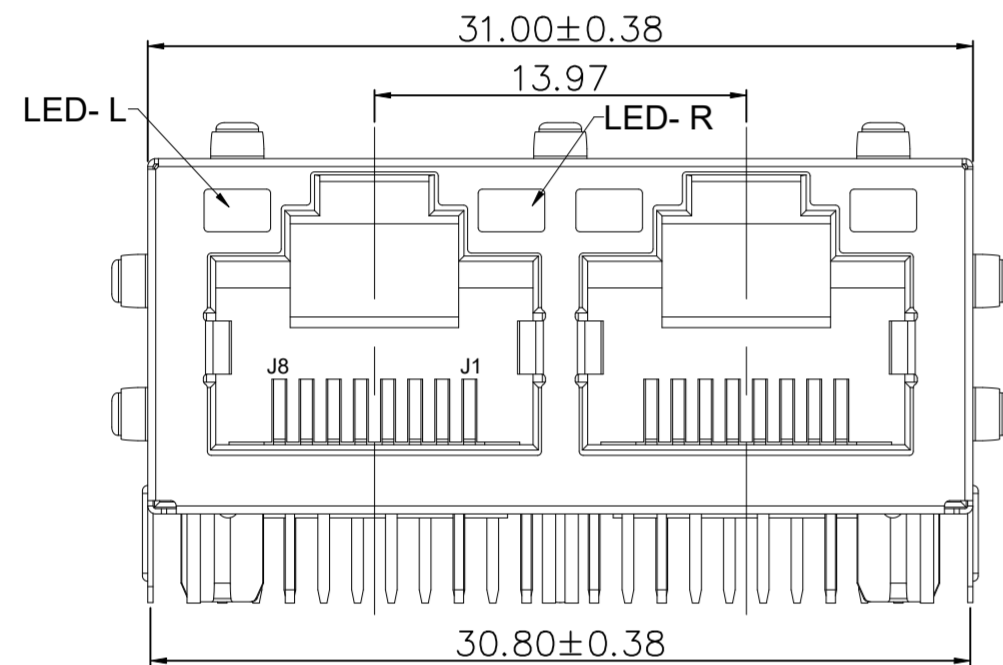
NOTE:

1. MATERIAL:

- 1.1 HOUSING: HIGH TEMPERATURE UL94V-0 BLACK
- 1.2 INSULATOR: HIGH TEMPERATURE UL94V-0 BLACK
- 1.3 CONTACT: PHOSPHOR BRONZE
- 1.4 SHELL: COPPER ALLOY

2. FINISH:

- 2.1 TERMINAL: CONTACT AREA
PLATING GOLD 6u"
- 2.2 SHELL: PLATING Ni OVERALL



Recommended Panel Cutout

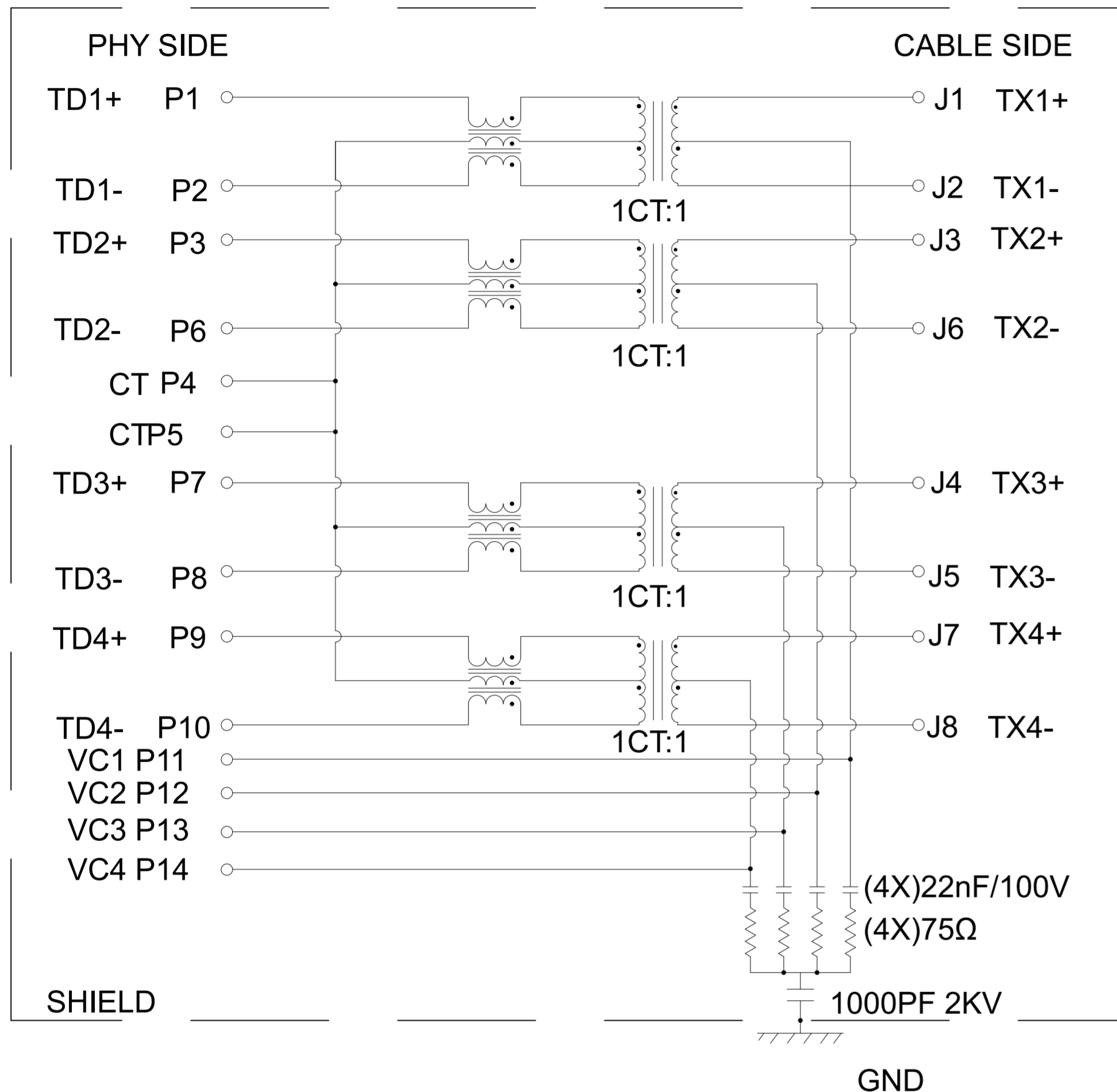
2497291-1
PART NUMBER

PRELIMINARY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R	06MAR2025			RJ45 TAB UP 1x2 TYPE			
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER	06MAR2025			APPLICATION SPEC		108-161860	RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG	06MAR2025			PRODUCT SPEC		114-161364	SCALE
0 PLC ± -		NAME				DRAWING NO		WEIGHT	SHEET
1 PLC ± 0.35		CAGE CODE		C=2497291		REV	1		
2 PLC ± 0.25		DRAWING NO		CUSTOMER DRAWING		SCALE 1:1			
3 PLC ± 0.15		CAGE CODE		SCALE 1:1		SHEET 1 of 2			
4 PLC ± -		DRAWING NO		SCALE 1:1		SHEET 1 of 2			
ANGLES ± 2°		CAGE CODE		SCALE 1:1		SHEET 1 of 2			
FINISH		DRAWING NO		SCALE 1:1		SHEET 1 of 2			
MATERIAL		DRAWING NO		SCALE 1:1		SHEET 1 of 2			

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

SCHEMATICS (5G BASE)



SPECIFICATIONS:

- 1.5G BASE-T Ethernet Application;
- Meets IEEE 802.3 & ANSI X 3.263 Standards;
- EU Rohs/ELV and GP Compliant,
- Reflow Soldering Temperature: 260°C±5°C;
Storage Temperature: -40°C to +85°C;
- Operation Temperature: -40°C to +85°C;
Storage Temperature: -40°C to +85°C;
- Contact Resistance: 30mΩ Max.;
- Insertion Force With The Latch Depressed: 30N Max.;
- Removal Force With The Latch Depressed: 30N Max.;
- Durability: 750 Cycles;
- Transmitter Filter & Receiver Filter:
Insertion Loss: 1~50MHz -0.5dB Max.;
- 50~125MHz -1.0dB Max.;
- 125~250MHz -2.0dB Max.;
- Return Loss: 1~40MHz -20dB Min. ;
40~250MHz -20+15*log(Freq MHz/40MHz)dB Min. ;
- Comm Mode Rejection: @30~250 MHz -25dB Min.;
- Cross Talk: 1~125 MHz -30dB Min.;
- 125~250 MHz -18dB Min.;
- Inductance: @100 KHz, 0.1V, 180uH Min.;
- HiPot Test: Input To Output: 1500Vrms Min;
- DC current/Voltage rating-PSE pins: 600mA Max@57VDC(Continuous)

PRELIMINARY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 06MAR2025	TE TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 06MAR2025			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 06MAR2025	NAME RJ45 TAB UP 1x2 TYPE 5G+POE W/ LED&SHELL		
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161860	SIZE A2	CAGE CODE 00779	DRAWING NO C=2497291
MATERIAL -		FINISH -	WEIGHT -	RESTRICTED TO -	SCALE 1:1
CUSTOMER DRAWING			SHEET 2 OF 2	REV 1	